Yamamah Integration Document

HTPP Application Programming Interface

ww.yamamah.com

HTTP API Specification

Table of Content

Table of Contents

1. Introduction

This document provides developers with instructions for integrating SMS messaging services into various solutions using HTTP application programming interface (HTTP API). HTTP API can be used for sending SMS messages.

HTTP API support different method:

- Using HTTP JSON POST.
- Using HTTP GET.
- Using SOAP.

The URL used is: http://api.yamamah.com/

2. Sending Messages

1.1. Parameters specifications

- The following all parameters used in all methods:

AUTHENTICATION	username	The username or Mobile number (format: 9665xxxxxxx) registered in Yamamah website.
	password	The password used in Yamamah website.
MESSAGE Request	Tagname	The tag name is the sender name, which will appear in the title of the message. a) Maximum 11 English characters and Arabic numbers `e.g. yamamah1, company123, etc.` b) The TagName is case sensitive; Yamamah1 does not equal to YAMAMAH1 c) To use a TagName; it should be active on the website; you can add your TagNames by logging into yamamah.com website using your account then Add TagNames under TagNames page. d) Mobile number is the default tagename that is registered in Yamamah website.
	RecepientNumber	One or more mobile number separated by a **semicolon** `(format: Use 05xxxxxxxx, 5xxxxxxxx, 9665xxxxxxxx, 009665xxxxxxxx for any national mobile number and use the format 00 then country code or + then country code for any international mobile number).`
	VariableList	List of variables to be replaced in custom message service, which separated by semicolon (;) e.g.: [Name]; [Salary]. The variables list could be anything except the semicolon itself.
	ReplacementList	list of replacements, which will replace the VariableList parameters in custom message service, the number of replacements must be the same as the number of mobile numbers, and the number of tokens in one replacement must be the same number as in VariableList parameters; the tokens separated by comma(,) and the replacements replaces by semicolon(;). `E.g. Mohmd,7500;Hussam,8000;Ahmed,9000 (in case of sending to three mobile numbers)`
	Message	`Message content (70 Character for the 1st single message and 67 for more than single message for ARABIC Message, and 160 Character for the 1st single message and 158 for more than single message for ENGLISH Message.).`
	SendDateTime	Used If you want send schedule message so set your datetime as the following: `yyyyMMddHHmm e.g. 201312231330` Else set this parameter equal 0
	EnableDR	Used if you want Request Delivery Report, this property take true or false.
Message Response	`Status`	Represent message status id
	`StatusDescription`	Represent message status description.
	`MessageID`	Represent message id if message received from yamamah successfully Note: If message field this parameter will be empty or null
	`InvalidMSISDN`	Represent all invalid MSISDN.

1.2. Methods:

1.2.1. Send SMS

- By this method can send message to one contact or multi contacts

Request

POST http://api.yamamah.com/SendSMS
Host: api.yamamah.com
Content-Type: application/json

Body:


```
{
  "Username": "",
  "Password": "",
  "Tagname": "",
  "RecepientNumber": "05xxxxxx;05xxxxxx",
  "VariableList": "",
  "ReplacementList": "",
  "Message": "test",
  "SendDateTime": 0,
  "EnableDR": False
}
```


Response

Status Code: 200
Content-Length: 70
Content-Type: application/json; charset=utf-8
Date: Sun, 26 Jan 2014 10:59:40 GMT

Returned message


```
{
  "InvalidMSISDN": null,
  "MessageID": "1d7d8d99-2da4-478a-8391-6783f467f479",
  "Status": 1,
  "StatusDescription": "Success"
}
```


Status Code Parameter

Status Code	Description
1	Success
10	Invalid UserName and Password
20	Invalid TagName Format
30	Invalid TagName
40	Insufficient Fund
50	Invalid Recepient Number And Replacement List Length
51	Invalid varsList And Replacement List Length
60	Invalid Mobile Number
70	System Error
80	Invalid DateTime
90	Serialization Error

1.2.2. Get Credit

- By this method you can get current credit.

Request

POST http://api.yamamah.com/GetCredit/**{USERNAME}**/**{PASSWORD}**
Host: api.yamamah.com
Content-Type: application/json

Content-Length: 0

Response

Status Code: 200
Content-Length: 74
Content-Type: application/json; charset=utf-8
Date: Sun, 26 Jan 2014 10:59:40 GMT

Returned message


```
{
  "GetCreditPostResult": {
    "Credit": 1086,
    "Description": "Success",
    "Status": 1
  }
}
```


Status Code Parameter

- You can show status code by click here

3. SMS Notification:

- In this section will discuss how to receive status for sent message.
- To be able to receive message status must be apply the following steps:

1- Create on your side HTTP POST as the following information:

a. Your URL: http://{URL}/**MessageNotification**

b. Received body request:

Content-Type: application/jsn
Content-Length: 0

Body:

```
{
  "Username": "",
  "Password": "",
  "MessageID": "",
  "NotificationType":""
  "SucessMSISDN": "05xxxxxx;05xxxxxx",
  "FailedMSISDN": "05xxxxxx;05xxxxxx"
}
```

c. Replay Response

Status Code: 200
Content-Length: 74
Content-Type: application/json; charset=utf-8
Date: Sun, 26 Jan 2014 10:59:40 GMT

Returned message

```
{
  "Status":""
}
```

Parameter specifications

Parameter	Description
Username	Represent username (create for you side and send to Yamamah)
Password	Represent Password (create for you side and send to Yamamah)
MessageID	Represent message id if message received from yamamah
NotificationType	Represent notification type where divide to type: 1- NormalMessage: will receive it for each message sent (if your message with delivery report or not). 2- DeliveryReport: will received this type if your message send with delivery report only.
SucessMSISDN	Will contains all mobile numbers send success
FailedMSISDN	Will contains all mobile numbers send failed
Status	After receive notification will send response with this status as the following types: 1- Success 2- Failed Note: if your web service send Failed or not receive any response, Yamamah notification try send 3 time.

d. last step send the following information to app.support@2p.com.sa
URL: http://{URL}/**MessageNotification**
Username: xxx
Password: xxx